SPECIFICATIONS

GENERAL

Rating input: DC 12V 9A

Recording format:	DVCPRO
Recording tracks	Digital video
	Time code; Recorded in sub-code area
	Digital audio; 2 channels
	Cue signal; 1 track
	Control (CTL); 1 track
Tape speed:	33.854 mm/sec.
Recording time:	184 min. (with AJ-5P92LP tape)
	66 min. (with AJ-P66MP tape)
Tape used:	1/4" thin magnetic layer metal tape
FF/REW time:	Less than 3.5 min. (with AJ-5P92LP tape)
Editing accuracy:	±0 frame (with time code)
Tape timer accuracy:	±2 frame (per event when continuous CTL signal is used)
Servo lock time:	Less than 0.5 sec.
Ambient operating temperature:	5°C to 40°C
Ambient operating humidity:	10% to 85% (no condensation)
Dimensions:	424 (W) × 120 (H) × 435 (D) mm
Weight:	11.9 kg

VIDEO

DIGITAL

Sampling frequency:	Y; 13.5 MHz,
	P_B, P_R; 3.375 MHz
Quantization:	8 bits
Error correction:	Reed-Solomon codes

ANALOGUE COMPOSITE IN/OUT

Video band range:	Y; 25 Hz – 5.5 MHz (±1dB Typ)
DG:	Less than 6%
DP:	Less than 4.5°
Y/C delay:	Less than 30 nsec
K factor:	Less than 2%
Analogue composite input:	BNC×2 (VTR1, VTR2), 75 ohms
REF video input:	BNC×2 (loop-through), 75 ohms, automatic
Analogue composite output:	BNC×2 (VTR1, VTR2), 75 ohms
Monitor output:	BNC×2 (VTR1, VTR2), 75 ohms, superimpose ON/OFF

ANALOGUE COMPONENT IN/OUT

Video band:	Y; 25 Hz – 5.5 MHz (±1 dB), 5.75 MHz (±3 dB)
	P_B, P_R; 25 Hz – 1.3 MHz (±1.0 dB)
S/N:	53 dB
K factor:	Less than 2%
Analogue component input:	BNC×6 (Y, P_B, P_R, VTR1, VTR2), 75 ohms Y connector is switched with the analogue composite input connector.
Analogue component output:	BNC×6 (Y, P_B, P_R, VTR1, VTR2), 75 ohms Y connector is switched with the analogue composite output connector.

VIDEO OUTPUT SIGNAL (only for analogue composite signal)

Video gain:	More than ±3dB
Chroma gain:	More than ±3dB
Chroma phase:	More than ±25°
Black level:	±70 mV
H phase:	More than ±1.5µsec
SC phase (COARSE):	360°
SC phase (FINE):	90°

SPECIFICATIONS

AUDIO

DIGITAL

Sampling frequency:	48 kHz
Quantization:	16 bits
Frequency response:	20 Hz~20 kHz±1dB
Dynamic range:	More than 85dB (1kHz, emphasis off, “A” weighted)
Distortion rate:	Less than 0.1% (1kHz, emphasis off, standard level)
Crosstalk:	Less than –80dB (1kHz, between 2 channels)
Wow & flutter:	Under measurable value
Headroom:	18 dB
Emphasis:	T1=50µsec/T2=15µsec (on/off enable)

ANALOGUE IN/OUT

Analogue input (VTR1):	XLR×2 (CH1, CH2), high impedance, 4/0/–20dBu
Analogue input (VTR2, CH1):	XLR, high impedance, 4/0/–20dBu
Analogue input (VTR2, CH2):	XLR, high impedance, 4/0/–20/–50dBu
Analogue output (VTR1):	XLR×2 (CH1, CH2), low impedance, 4/0/–20dBu
Analogue output (VTR2):	XLR×2 (CH1, CH2), low impedance, 4/0/–20dBu

MONITOR OUTPUT/HEADPHONES

Monitor output (VTR1):	XLR×1, low impedance, 0dBu, CH1/MIX/CH2 selectable
Monitor output (VTR2):	XLR×1, low impedance, 0dBu, CH1/MIX/CH2 selectable
Headphones:	Mini-Stereo, variable level (Max. –20dBu), 8 ohms, VTR1/MIX/VTR2 selectable, CH1/MIX/CH2 selectable

OTHERS

TC input:	BNC ×1 (switched to reference input connector through OUT position)
TC output:	BNC ×2 (switched to VTR1, VTR2, video monitor output connector)
Remote:	D-sub 9-pin (female) × 2 (VTR1, VTR2), RS-422A interface
EDL:	D-sub 9-pin (male), RS-232C interface

LCD MONITOR

LCD display:	6.5 inches TFT active matrix×2 (VTR1, VTR2)
Brightness adjustment:	Variable volume×2 (VTR1, VTR2)
Screen adjustment:	Colour, Contrast (separate left and right OSD menu)
Backlight switches:	Bright/Dark/Off (separate left and right switches)

SPEAKERS

Built-in speakers×2, VTR1/MIX/VTR2 selectable, CH1/MIX/CH2 selectable

DISPLAY TUBE (VTR1, VTR2 separately)

Counter:	8 digits (CTL/TC/UB selectable, total, remaining tape length)
Audio level meters:	16 steps
Others:	Servo lock lamp, DV lamp, tape travel status indication, recording/recording inhibit lamp, Video/REF input lamp

Weight and dimensions shown are approximate.
Specifications are subject to change without notice.